Dopamine mechanisms in learning and memory: evidence from rodent studies

Statements

Belonging to the PhD thesis

Dopamine mechanisms in learning and memory: evidence from rodent studies

Julie Angela Delas Alas Dela Cruz

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1. An increase of Tyrosine Hydroxylase (TH)- immunoreactive cells in the Ventral Tegmental Area (VTA) is a result of Deep Brain Stimulation in the Anterior Nucleus of the Thalamus. (*This thesis)*

2. ARNT and ARNT2 have differential expression with TH-immunoreactive cells in the VTA and Substantia Nigra. (*This thesis)*

3. The acquisition and expression of corn-oil (CO)- Conditioned Flavor Preferences (CFP) are minimally affected by Dopamine D1 and D2 antagonists. *(This thesis)*

4. There is a critical role for NMDA, but not opioid, receptor signaling in the acquisition of a fat-CFP. *(This thesis)*

5. Although both CO and glucose have flavor-flavor and flavor-nutrient processes, CO induces greater activation in the DA projection areas than glucose. *(This thesis)*

6. Glucose has an attenuated effect in the acquisition and expression of sugar-CFP when a DA or NMDA antagonist is injected subcutaneously. (*Dela Cruz, Coke and Bodnar, 2014)*

7. My parents emigrated from the Philippines so that I could live the American dream. My American dream is occurring in the Netherlands. *(J. Dela Cruz)*

8. As a native English speaker, I now know that I have to announce that I am speaking Dutch before I say any Dutch words, or else confusion ensues. *(J. Dela Cruz*)

9. “Everything around you that you call life was made up by people that were no smarter than you, and you can change it, you can influence it, you can build your own things that other people can use.” (*Steve Jobs)*

10. “Life's like a movie, write your own ending. Keep believing, keep pretending. Thanks to the lovers, the dreamers and you.” (*Jim Henson)*